

ADDENDUM TO FACT SHEET

Midway Sewer District – Des Moines Creek Wastewater Treatment Plant

On March 30, 2004, Clint K. Read, Midway Sewer District Superintendent, requested that the Department of Ecology consider revising the Chronic Whole Effluent Toxicity (WET) testing requirements as stated in the Des Moines Creek Wastewater Treatment Plant (WWTP) NPDES permit (WA-002095-8). The request was to remove the following species from the testing requirements.

Saltwater Chronic Toxicity Test Species		Method
Pacific oyster/ Mussel	<i>Crassostrea giga/ Mytilus sp.</i>	EPA/600/R-95/136
Sea urchin/ Sand dollar	<i>Strongylocentrotus purpuratus/Dendraster excentricus</i>	EPA/600/R-95/136
Kelp	<i>Macrocystis pyrifera</i>	EPA/600/R-95/136

The Pacific oyster/Mussel and the Sea urchin/Sand dollar are optional species that can be included in the Chronic WET testing requirements when the receiving water is considered especially important or fragile. The Kelp is an optional species to be included when the receiving water contains or should contain Kelp.

The required species included in the Chronic WET testing requirements for municipal discharges in the vicinity of the Des Moines Creek WWTP included the following:

Saltwater Chronic Toxicity Test Species		Method
Topsmelt	<i>Atherinops affinis</i>	EPA/600/R-95/136
Mysid shrimp	<i>Holmesimysis costata</i> or <i>Mysidopsis bahia</i>	EPA/600/R-95/136 or EPA/600/4-91/003

The Department has determined based on the characteristics of the receiving water, the characteristics of the discharge and the Chronic WET testing requirements of other permittees discharging in the same area of Puget Sound that the optional species can be removed from the permit Chronic WET testing requirement. A modified permit was issued to Midway Sewer District to reflect this change.